

the compound is ivermectin and is administered in the drinking water of poultry. The compositions of the present invention may also contain one or more pharmacologically or biologically active compounds.

The present invention also provides methods of administering the compounds. In the most preferred embodiment, the compounds may be administered in the drinking water of poultry to be treated with the pharmacologically or biologically active compound. In other embodiments, the compositions may be topically applied to the animals or plants to be treated, or directly onto plants, animals, or a ground surface to be treated with the active compounds.

#### DETAILED DESCRIPTION OF THE INVENTION

By "parasiticide" is meant any ectoparasiticide, acaricide, miticide, pediculicide, and antihelminthic.

By "anti-parasitic agent" is meant a miticide or an antihelminthic agent, including but not limited to ivermectin.

By "clinically effective amount" is that amount sufficient to have a therapeutically relevant effect on the treated organism. A therapeutically relevant effect relieves to some extent one or more symptoms in the treated vertebrate.

By "emulsifier" is meant a surface active agent promoting the formation and stabilization of an emulsion.

By "surfactant" is meant a surface active substance, or a substance which lowers the tension at the surface of contact between phases.

The present invention relates to formulations and methods for administering pharmacologically or biologically active compound to vertebrates, plants, insects, and ground